Fatal and non-fatal accidents in other printing and bookbinding in Japan in 1999-2022

other printing and bookbinding industry Code No.010709

Type of accidents in other printing and bookbinding in 1999-2022

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
fall from height	3	7	4	10	10	8	8	8	7	9	3	2	2	2	4	2	3	7	6	6	11	8	13	8	151
falling to same	10	13	12	10	8	12	15	11	15	5	9	4	13	10	13	15	4	9	12	9	8	14	12	11	254
crash	2	3	4		7	4	3	1	3	4	2	2	7	1	2	2	3	2	1	4	2	2	2	3	66
struck by flying or falling object	4	3	2	4	2	5	8	2	2	4	3	3	4	2	1		2	1	1	5	1		3	3	65
collapse		1	2	2	3		1		1		1	1	1	1	2	1	2			4	1	1	1		26
crashed by	2	4	3	3	2	2	3	4	2	3	1	3		1		3	3	1	3	1	1	3	4	1	53
caught in/between	42	48	50	50	50	46	57	44	29	38	27	31	26	29	21	22	27	17	24	23	19	24	23	25	792
cut	7	5	11	7	8	10	3	12	8	10	5	6	7	5	6	5	6	4	4	8	5	5	6	5	158
injury to the sole of the foot										1															1
drown																									
contact to high/low-				2	1								1	1		1			1		2	1	1	1	12

temperature																									
contact to harmful	3			1		1							1	1					1			1			9
substance				•		•							'	•					•			'			
electric shock										1															1
explosion																									
burst																									
fire																									
traffic accident	3	4	5	1	1	2	2	7	1	2	4		3	2	2	3		1	1			1	4		49
(public road)		7		1					ľ							3		•	1						49
traffic accident																									
(others)																									
reaction to																									
motion/improper	6	4	9	8	7	8	9	9	8	10	5	6	4	3	4	3	5	2	6	11	12	5	6	7	157
motion																									
others			1		1		1						1				2					1	5		12
unclassifiable	1			1				1	1											1				1	6
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812

Causal agents (large) of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
machine	38	42	52	52	50	50	53	46	33	40	30	33	31	32	22	23	29	22	19	28	21	22	28	26	822

crane, conveying	9	14	12	11	8	13	10	18	6	11	6	8	8	5	6	7	4	4	6	4	2	4	8	3	187
other equipment	6	8	9	8	14	10	13	13	13	9	5	3	5	6	11	10	7	4	12	8	14	15	13	13	229
temporary	12	13	11	10	1.4	11	17	12	1.4	7	9	4	12	7	9		6	11		16	1.4	12	16	10	265
buildings, establishments	12	13	11	10	14	11	17	12	14	/	9	4	12	/	9	9	В	11	9	10	14	12	16	10	265
substance, material	9	5	6	3	4	6	6	3	2	5	4	5	6	3	1	1	4		3	3	3	2	3	3	90
load	5	5	7	9	8	3	4	2	5	8	4	4	4	2	1	3	4	3	6	8	2	4	5	4	110
environment			1	1		1				1				2	1	1			1		1	2	1	1	14
others	4	5	5	5	2	4	7	5	4	6	2	1	4	1	4	3	3		4	5	5	5	6	5	95
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812

Causal agents (middle) of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
3	1	3	1			1			1		4		3	1		1			1	1	1			22
		2			1				1				1		1				1		1			8
		2			1								I		1									0
	3	3 1	3 1 3	1999 2000 2001 2002 3 1 3 1 2	1999 2000 2001 2002 2003 3 1 3 1 2 2	1999 2000 2001 2002 2003 2004 3 1 3 1 2 1 1	1999 2000 2001 2002 2003 2004 2005 3 1 3 1 1 2 1 1	1999 2000 2001 2002 2003 2004 2005 2006 3 1 3 1 1 1 2 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 3 1 3 1 1 1 2 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 3 1 3 1 1 1 1 2 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 3 1 3 1 1 1 1 1 2 1 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 3 1 3 1 1 1 1 4	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 3 1 3 1 1 1 1 4 2 1 1 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 3 1 3 1 1 1 1 4 3 2 1 1 1 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 3 1 3 1 1 1 1 4 3 1 2 1 1 1 1 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 3 1 3 1 1 1 1 4 3 1 2 1 1 1 1 1 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 3 1 3 1 1 1 4 3 1 1 2 1 1 1 1 1 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 3 1 3 1 1 1 4 3 1 1 1 2 1<	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 3 1 3 1 1 4 3 1 1 1 2 1 1 1 1 1 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 3 1 3 1 1 4 3 1 1 1 2 1 1 1 1 1 1 1 1 1 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 3 1 3 1 1 4 3 1 1 1 1 1 2 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 3 1 3 1 1 4 3 1 1 1 1 1 2 1	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 3 1 3 1 1 4 3 1 1 1 1 1 2 1 <td>1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 3 1 3 1 1 4 3 1</td>	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 3 1 3 1 1 4 3 1

construction																				1					1
machine																				'					
metal																									
manufacturing	4	2	3	2	6	1	5	4	5	1	1	2	3	1	1	3	4	2	1	3		2		3	59
machine																									
general machine	31	39	44	49	44	48	47	42	28	37	29	27	28	27	20	19	24	20	18	22	20	18	28	23	732
mobile silviculture																									
machine																									
crane		1	1		1	2																			5
conveying	7		5				7	10	_	10					,		4	,	5	_	1		4		126
machine	/	8	3	9	5	8	/	10	5	10	3	8	5	2	3	4	4	3	5	4	1	3	4	3	126
vehicle	2	5	6	2	2	3	3	8	1	1	3		3	3	3	3		1	1		1	1	4		56
pressure vessel																									
chemical facilities																									
welding																									
equipment			ľ																						
kiln, caldron					1																	1			2
electric equipment				1			1												1						3
human power																			_						01
machine, tools	4	6	2	2	5	5	1	3	3	3	3	1			5	6	4	2	5	I	3	6	5	5	81
tools	2	1	4	3	7	4	10	9	9	3	1	2	5	2	6	2	1	2	4	5	7	6	7	7	109
other equipments,																									

facilities		1	2	2	1	1	1	1	1	3	1			3		2	2		2	2	4	2	1	1	33
temporary																									
buildings,	12	13	11	10	14	11	17	12	14	7	9	4	12	7	9	9	6	11	9	16	14	12	16	10	265
establishments																									
hazards, harmful substances	3			1									2	1			1		1			1	1		11
materials	6	5	6	2	4	6	6	3	2	5	4	5	4	2	1	1	3		2	3	3	1	2	3	79
load	5	5	7	9	8	3	4	2	5	8	4	4	4	2	1	3	4	3	6	8	2	4	5	4	110
natural environment			1	1		1				1				2	1	1			1		1	2	1	1	14
other causal agent		2			1					1			2		2	1	1		1			2	5	1	19
no causal agent	2	3	5	4	1	3	7	4	4	5	2	1	2	1	2	1	2		3	5	5	3	1	3	69
unclassifiable	2			1		1		1								1								1	7
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812

Causal agents (small) of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
engine																									
power transmission mechanism			3				1			1		4		3	1		1			1	1	1			17

circular sawing machine					1		1	1		1			4
band sawing machine													
wood planer machine											1		1
hollow chisel mortiser, wood borer													
chamfering machine, router, woodworking milling machine													
chain saw													
other woodworking machines	2												2
leveling, transporting or loading machine													
excavating machine													
foundation work machine													
hardening machine													

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demolition machine																						
vehicle for high lift																		1				1
work																						
other construction																						
machines																						
lathe		1			1								1									3
drill press, milling																						
machine																						
grinding machine,			1								1							1	1			4
buffing machine			1															I	I			4
power press			1		1	2	1			1	1				2		1		1			11
forging pressure																						
hammer																						
shearing machine		2	3		2	2	3	1	1	1	1	1		2	1	2		1			3	26
other metal																						
manufacturing			1		1		1							1	1			1				6
machines																						
centrifugal machine																						
mixer, grinder			1		1							2							1			5
roll machine (except																						
printingroll		2	1		5	1	2	3	3	3	2	1	1	5	3	2	1	1	3	1	1	41
machine)																						

injection molding					1			1									1					3
food manufacturing machine																						
printing machine		23	27	23	26	15	18	14	17	22	14	12	12	14	13	12	9	11	10	21	15	328
industrial robot																						
other general power machines		19	15	18	14	11	16	11	7	4	10	7	2	7	5	5	11	9	4	6	7	188
felling machine																						
mobile logging machine																						
skyline yarding machine																						
other mobile silviculture machine																						
crane		1																				1
mobile crane																						
derrick crane																						
elevator, lift			1																			1
cargo lifting appliance																						
gondola																						

							<u> </u>	<u> </u>	<u> </u>										<u> </u>	<u> </u>	<u></u>	<u> </u>
lumberyard																						
equipment, logging																						
cableway																						
simple skyline																						
yarding equipment																						
other powered																						
crane																						
truck		1		1	2		3	2	1		1		1	1	2				1		1	17
forklift		4	2	5	4	3	5	1	5	3		2		3	1	3	3	1	2	4	2	53
railway equipment																						
conveyor			3	1	2	1	2			1	1		3			2	1					17
loader																						
straddle carrier																						
rough terrain hauler																						
other powered																						_
conveying machines					2				2	1												/
cars, bus,																						
motorcycle		6	2	2	7		1	3		3	3	3	3		1			1	1	4		42
railway vehicle																						
other vehicles				1	1																	2
boiler																						

pressure vessel																			
other pressure																			
vessels																			
chemical facilities																			
gas welding																			
equipment																			
arc welding																			
equipment																			
other welding		1																	1
equipment																			•
kiln, caldron			1																1
industrial dryer																1			1
other kiln, caldron																			
transmission				1															1
electric power																			
facilities																			
other electrical														1					1
equipment																			1
human power															1		2		3
cranes																			
human power		1	4	1		3	2		1	3	3	3	2	2	1	2	3	3	34
hauling equipment											ر								77

human power													1			 1					1	3
machine													'								<u> </u>	
hand tool		1	1		3	3		1	1			2	2	1		2	1	1	4		1	24
ladder			4	2	2	3	2	1	2	2		2	1		2	2		4	3	3	4	39
slinging tool				1																		1
other tools		4	3	7	7	6	1			3	2	4	1	1		2	5	3	3	4	3	59
other equipment,		2	1	1	1	1	3	1			3		2	2		2	2	4	2	1	1	29
facilities																					-	
scaffolding											1							1				2
timbering																						
stairs, landing stage		3	3	4	5	1	1	6		2		4	3	3	2	4	6	5	4	6	3	65
opening							1				1									1		3
roof, beam, haze,																						
crossbeam,						1										1			1			3
principal rafter																						
working platform,		1		2	3	3	2	1		1	1		1		2	1	2	1		1	2	24
boot board		'								I	ľ		•									
passage		3	2	5	3	5	1	2	2	6	3	5	4	2	5	2	7	2	4	4	4	71
building,		1	6	3	1	1	2		1	3			1		2			2	2	3	1	29
establishment		ı	0	3						3										3		23
other temporary																						
buildings,		3	3	3		3			1		1			1		1	1	3	1	1		22

establishments																						
explosive substance																						
inflammable										1				1								2
substance														I								
inflammable gas																						
harmful substance										1									1			2
radiation																						
other hazards,											1					1				1		3
harmful substances											•											3
metal material		1	2	2	2		3	2	1	1	1		1	2		1	1	2	1		2	25
lumber, bamboo		1					1		1													3
stone, sand,										1												1
substance																						
other materials		4	2	4	1	2	1	2	3	2	1	1		1		1	2	1		2	1	31
load		7	8	4	2	4	7	4	4	4	2	1	3	4	3	6	8	2	4	5	4	86
machine/equipment						1	1															2
as load																						
natural ground,																						
rock																						
standing tree																						
water																						
abnormal																						

environment																									
high/cold																									
temperature														1							1	1		1	4
environment																									
other environments			1							1				1	1	1			1			1	1		8
other causal agent					1					1			2		2	1	1		1			2	5	1	17
no causal agent			5		1		7	4	4	5	2	1	2	1	2	1	2		3	5	5	3	1	3	57
unclassifiable								1								1								1	3
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812

Workers age of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less	4	5	7	3	3	4	5	2	1	1	1	3		1	3	1	1			1		1	1	1	49
20-29	23	20	26	25	28	25	27	24	15	24	15	12	8	7	7	5	8	7	16	11	7	4	12	6	362
30-39	16	17	23	20	22	29	28	27	28	24	14	17	27	20	11	22	19	9	12	15	8	11	19	14	452
40-49	22	17	16	19	13	14	12	18	6	17	13	11	13	14	10	11	20	18	17	20	19	16	16	12	364
50-59	14	25	25	21	21	18	26	17	19	9	5	7	14	8	17	11	4	4	12	14	20	20	21	20	372
60 years old or		8	6	11	13	8	12	11	8	12	12	8	8	8	7	7	5	6	3	11	8	14	11	12	213
more	T						12			12															213
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812

Workers' number of workplace of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
9 workers or less	13	22	14	19	14	12	12	12	15	12	9	7	13	10	10	6	3	8	5	6	9	10	12	11	264
10-29	16	25	36	18	27	30	31	29	18	24	15	21	19	15	11	16	17	13	16	19	10	13	18	24	481
30-49	16	18	10	18	16	10	13	12	9	13	10	8	19	6	8	4	14	7	10	12	16	8	11	5	273
50-99	18	11	21	20	19	20	26	20	18	22	10	11	9	13	13	13	12	3	20	12	11	13	14	10	359
100-299	14	11	19	15	18	22	24	24	16	13	16	10	7	11	8	18	8	12	6	19	13	17	16	14	351
300 workers or	6	5	3	9	6	4	4	2	1	3		1	3	3	5		3	1	3	4	3	5	9	1	84
more																									
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812

Month of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January	4	5	9	7	10	13	3	18	6	6	8	5	4	7	6	4	3	6	6	5	5	7	7	6	160
February	7	8	4	10	3	6	13	7	9	13	4	3	6	8	1	5	5	5	5	5	6	5	12		150
March	4	11	7	10	8	10	18	8	11	5	9	11	6	9	4	6	6	4	3	7	5	7	10	7	186
April	5	6	8	4	8	6	13	11	16	3	10	2	4	6	4	5	3	3	8	6	5	9	5	5	155
May	4	9	11	9	9	7	9	9	7	8	5	2	8	1	5	2	2	3	3	3	4	6	14	7	147
June	12	9	9	6	8	5	11	9	3	11	2	5	3	7	6	2	5	4	3	2	4	2	7	6	141

July	4	9	9	11	8	6	4	5	2	7	2	4	6	2	6	5	7	3	5	9	10	4	5	8	141
August	7	8	8	11	9	11	10	7	8	7	2	2	3	5	3	8	8		7	8	5	4	4	8	153
September	9	2	12	2	6	11	8	5	3	8	7	6	8	3	8	4	7	2	6	7	11	9	6	3	153
October	9	10	13	12	12	6	6	5	2	4	4	2	3	4	5	4	4	7	4	7	3	8	2	7	143
November	10	8	7	9	9	8	11	4	5	8	3	8	8	2	2	6	3	5	5	9	2	2	6	4	144
December	8	7	6	8	10	9	4	11	5	7	4	8	11	4	5	6	4	2	5	4	2	3	2	4	139
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812

Prefecture of fatal and non-fatal accidents in other printing and bookbinding in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido	1	1	2		2		1		1	1	1				3	4	1	3	1	4		2		3	31
Aomori		1	1		1													1		1			1		6
lwate	1		1				1			2			2						1			1			9
Miyagi		2										1		1	1			1	1		1	2	1		11
Akita												2		1								1			4
Yamagata	1						1		1	1	1			2									1		8
Fukushima	1	4	1					1							1		1	2		2		1	3	2	19
Ibaraki	4	1	4		6		6	7	3	10	4	3	6	5	4	2	6	2	6	4	7	6	13	5	114
Tochigi	3	1			1		1	2	2	1	2	1	2	1	3	1		3	2	5	1	4	5	2	43
Gunma	2		2		1		1	1				1	2		4	1	1	1	2		1	1	2		23

Saitama	15	9	21	2	.0	30	28	22	19	13	11	18	9	5	14	15	9	15	16	11	12	10	14	336
Chiba	1	1	3	4		2	2		3	1	1	3			2				1	2	4	3	1	34
Tokyo	8	13	8	1	3	8	9	7	5	6	6	9	5	1	5	5	3	2	7	3	4	4	5	136
Kanagawa		3	2	1		3	1	4			2	1	3	2	2	1	2			2	1	1		31
Niigata		2	6	3			1	1	2			1				1								17
Toyama		2				2	1		2				1			1	1							10
Ishikawa			1			1			2						1	1	1	1		2	2		1	13
Fukui							1			1						2						1	1	6
Yamanashi												1				1						1		3
Nagano	1	1		1		1		3					3	3	2	1	1			2	1		2	22
Gifu	1	5	5	2	:	8	4	2	3	3	4	4	4	9	3		2	3	6	1	2	2	1	74
Shizuoka		5	2	4		6	3	2	4	1	1	3					1	1	4	3	2	1	2	45
Aichi	8	6	6	9	,	7	3	7	6	4	8	3	7	1	5	2	2	8	4	2	3	8	3	112
Mie		1		3						2											1	1	1	9
Shiga	2	1	2	1		1	1					1	1		1	1		1		1	1	1	1	17
Kyoto	2	2	2	3		2	5	2		3	1		2	1	2			1	1	1	1		2	33
Osaka	21	13	19	8		10	10	7	9	6	4	3	3	9	5	8	3	7	5	12	7	5	3	177
Hyogo	2	5	2			2		5	8	3	2	2		2			2		3		2	2	6	48
Nara		1				1	5	1	1	2	1		1		1	1		1					1	17
Wakayama		1											1									1		3
Tottori							1																	1

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Shimane	2		1		5		2	2		1	1		1												15
Okayama	2	1			4		1	2					3		1	2	3		2	1	2	2	3	1	30
Hiroshima	2	3	2				4		3	2		3	1	1	1	1	1	1	1	2	1		1		30
Yamaguchi			1		2																				3
Tokushima		1	2				1			1			1	1			1	1					2		11
Kagawa	1		1				2	1		1	3			2		1	1	1	3	1	1	1	1	2	23
Ehime		1	1					1		1													1	1	6
Kochi		1			1		2	1	2	1	1	2		1	1	1				2	1				17
Fukuoka	1	4	4		3		1	2	2		1	2		1	1	1	2			2	1		1	4	33
Saga							2							1					1	1					5
Nagasaki	1							2					1												4
Kumamoto								2			1	1			1			1			2	2			10
Oita					1									1							1		1		4
Miyazaki										1		1	1								1				4
Kagoshima					1								1		1								3	1	7
Okinawa			1																						1
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

Return to <u>https://ww</u>	w.jish	a.or.jp	<u>/engl</u>	ish/sta	<u>atistics</u>	5/2022	<u>e_inc</u>	dustry.	<u>.html</u>																
======================================	er pri	==== nting	==== and b	==== ookbii	==== nding	in Jap	an in	1999-	2022	====	====	====	====	=											
other printing and bo	ookbir	nding i	indust	try Co	de No	.01070	09																		
Type of fatal accident	ts in o	ther p	rintin	g and	bookl	bindin	ıg in 1	999-2	022																
Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
fall from height			1																			1			2
falling to same level																						1			1
crash																									
struck by flying or																									
falling object																									
collapse																									
crashed by																									
caught in/between																							1		1
cut																									

Data sources: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html (MHLW, Japan)

injury to the sole of

the foot

drown			11 11				11 11
contact to							
high/low-							
temperature							
contact to harmful							
substance							
electric shock							
explosion							
burst							
fire 1							1
traffic accident		1					2
(public road)		¹					
traffic accident							
(others)							
reaction to							
motion/improper							
motion							
others							
unclassifiable							
total 1 1	1	1			2	1	7

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
machine																							1		1
crane, conveying											1		1												2
machine											•		'												
other equipment																									
temporary																									
buildings,			1																			2			3
establishments																									
substance, material		1																							1
load																									
environment																									
others																									
total		1	1								1		1									2	1		7

Causal agents (middle) of fatal accidents in other printing and bookbinding in 1999-2022

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
engine																									
power transmission																									
mechanism																									

woodworking machine												
construction												
machine												
metal												
manufacturing												
machine												
general machine											1	1
mobile silviculture machine												
crane												
conveying machine						1						1
vehicle					1							1
pressure vessel												
chemical facilities												
welding equipment												
kiln, caldron												
electric equipment												
human power												
machine, tools												
tools												
other equipments,												

facilities														
temporary														
buildings,		1										2		3
establishments														
hazards, harmful	1													1
substances	'													
materials														
load														
natural														
environment														
other causal agent														
no causal agent														
unclassifiable														
total	1	1				1	1					2	1	7

Causal agents (small) of fatal accidents in other printing and bookbinding in 1999-2022

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
engine																									
power transmission																									
mechanism																									

circular sawing machine													
band sawing machine													
wood planer machine													
hollow chisel mortiser, wood borer													
chamfering machine, router, woodworking milling machine													
chain saw													
other woodworking machines													
leveling, transporting or loading machine													
excavating machine													
foundation work machine													
hardening machine													

		الــــــا			 					لــــــا	لــــــا		لـــــا
demolition machine													
vehicle for high lift work													
other construction machines													
lathe													
drill press, milling machine													
grinding machine, buffing machine													
power press													
forging pressure hammer													
shearing machine													
other metal manufacturing machines													
centrifugal machine													
mixer, grinder													
roll machine (except													
machine)													

		====	 	 = ==	 :	!	 	!	 		 	 		
injection molding machine														
food manufacturing machine														
printing machine													1	1
industrial robot														
other general power machines														
felling machine														
mobile logging machine														
skyline yarding machine														
other mobile silviculture machine														
crane														
mobile crane														
derrick crane														
elevator, lift														
cargo lifting appliance														
gondola														

				<u> </u>	 \square			 	 	\Box	\Box	 \square	\square	 	<u></u>
lumberyard equipment, logging cableway															
simple skyline yarding equipment															
other powered crane															
truck							1								1
forklift															
railway equipment															
conveyor															
loader															
straddle carrier															
rough terrain hauler															
other powered conveying machines															
cars, bus, motorcycle						1									1
railway vehicle															
other vehicles															
boiler															

pressure vessel													
other pressure													
vessels													
chemical facilities													
gas welding													
equipment													
arc welding													
equipment													
other welding													
equipment													
kiln, caldron													
industrial dryer													
other kiln, caldron													
transmission													
electric power													
facilities													
other electrical													
equipment													
human power													
cranes													
human power													
hauling equipment													

human power														
machine														
hand tool														
ladder														
slinging tool														
other tools														
other equipment,														
facilities														
scaffolding														
timbering														
stairs, landing stage														
opening														
roof, beam, haze,														
crossbeam,												1		1
principal rafter														
working platform,		1												1
boot board														
passage												1		1
building,														
establishment														
other temporary														
buildings,														

establishments													
explosive substance													
inflammable	1												1
substance	ı												
inflammable gas													
harmful substance													
radiation													
other hazards,													
harmful substances													
metal material													
lumber, bamboo													
stone, sand,													
substance													
other materials													
load													
machine/equipment													
as load													
natural ground,													
rock													
standing tree													
water													
abnormal													

environment														
high/cold														
temperature														
environment														
other environments														
other causal agent														
no causal agent														
unclassifiable														
total	1	1				1	1					2	1	7

Workers age of fatal accidents in other printing and bookbinding in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less																									
20-29		1	1																				1		3
30-39											1		1												2
40-49																									
50-59																						1			1
60 years old or																						1			1
more																									
total		1	1								1		1									2	1		7

Workers' number of workplace of fatal accidents in other printing and bookbinding in 1999-2022

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
9 workers or less													1									1			2
10-29			1																						1
30-49											1												1		2
50-99		1																							1
100-299																									
300 workers or																						1			1
more																									
total		1	1								1		1									2	1		7

Month of fatal accidents in other printing and bookbinding in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January																									
February																									
March																									
April											1														1
May																						1			1
June																							1		1

July	1	1												2
August							1							1
September												1		1
October														
November														
December														
total	1	1				1	1					2	1	7

Prefecture of fatal accidents in other printing and bookbinding in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido																									
Aomori																									
lwate																									
Miyagi																									
Akita																									
Yamagata																									
Fukushima																									
Ibaraki																									
Tochigi																									
Gunma																									

Saitama		1												1
Chiba												1		1
Tokyo							1							1
Kanagawa														
Niigata	1													1
Toyama														
Ishikawa														
Fukui														
Yamanashi														
Nagano														
Gifu														
Shizuoka														
Aichi													1	1
Mie														
Shiga														
Kyoto														
Osaka														
Hyogo														
Nara														
Wakayama														
Tottori														

Shimane														
Okayama														
Hiroshima														
Yamaguchi														
Tokushima														
Kagawa												1		1
Ehime														
Kochi														
Fukuoka						1								1
Saga														
Nagasaki														
Kumamoto														
Oita														
Miyazaki														
Kagoshima														
Okinawa														
total	1	1				1	1					2	1	7

Data sources: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html (MHLW, Japan)